STUDIO SYMBIOSIS · AUGSBURG, GERMANY

QUATER TOWER

A Mixed-Use High-Rise Rooted in

Textile Heritage & Sustainable Design

11	990	3
Floors	SQM Built-Up	Functions

studio-symbiosis.com · Ideenwettbewerb Quatertower, Augsburg

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PROJECT OVERVIEW

Ideenwettbewerb Quatertower

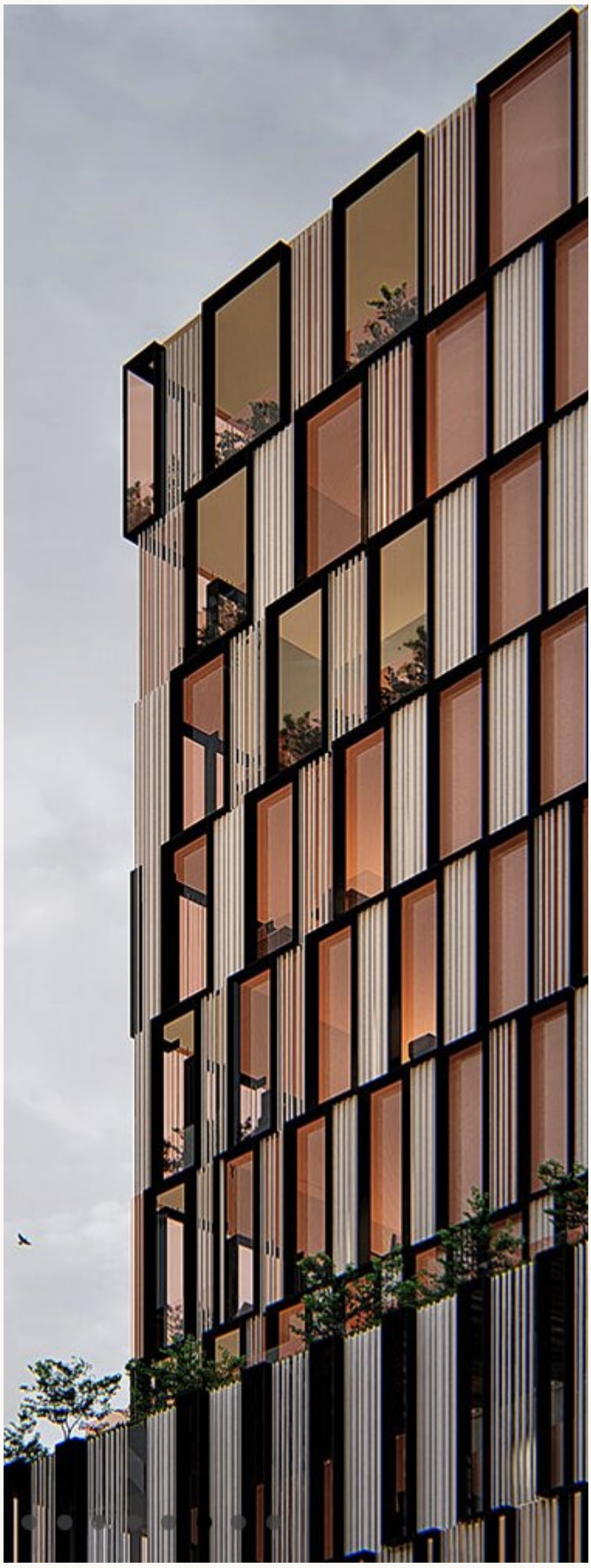
ABOUT THE PROJECT

Gateway to a New Urban Quarter

The Quatertower is located in a former textile area of Augsburg that is dynamically transforming into a vibrant new living and working district. Standing tall above its surroundings, it serves as a recognizable gateway landmark for the entire area.

Inspired by worsted yarn — the guiding idea of this design — the facade develops from bottom to top in a rhythmic play of white vertical ceramic elements that echo the linear structure of the textile heritage of Augsburg.

■ **Augsburg, Germany**



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DESIGN CONCEPT

From Textile Heritage to Vertical Architecture

The linear structure of worsted yarn — reflected in the rhythm of the white vertical ceramic facade elements.

Textile machinery — Augsburg's industrial heritage

01

Worsted Yarn Motif

Vertical ceramic elements rise from base to crown, directly referencing the linear rhythm of worsted yarn — the textile legacy of Augsburg translated into modern architecture.

02

Two Recesses

Two visible structural recesses respond to the height of neighbouring buildings. They also express the spatial programme — wider offices below, narrower apartments above.

03

Green Terraces

The recesses create spacious green outdoor terraces. A communal terrace on the 8th floor offers residents a shared meeting place with panoramic views over the city.

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FACADE & FEATURES

Architecture of Comfort & Sustainability

Facade detail — white vertical ceramic elements & loggias

Acoustic Glass Facades

Floor-to-ceiling box windows with acoustically effective glass elements on north, west and south sides — ensuring maximum quiet indoors.

Integrated Loggias

Loggias built into the facade provide year-round outdoor space for residents — soundproof, wind-protected and part of the architectural composition.

Passive Energy Design

High thermal comfort, maximised daylight, minimal air-conditioning through passive measures and regenerative energy use within the building.

Parking Innovation

A modern parking lift replaces a conventional ramp — saving space and delivering the required number of parking spaces efficiently.

Flexible Office Floors

Ground to 4th floor office spaces are designed for flexible subdivision into various sizes, with a café and shared lounge at ground level.

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PROJECT GALLERY

Renders — Augsburg Quatertower

Street Level View · Augsburg

Tower Top — Green Living Facade

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PROJECT FACTS

QUATER TOWER

PROJECT

Ideenwettbewerb Quatertower

LOCATION

Augsburg, Germany

TYPE

Mixed-Use High-Rise

PROGRAM

Café + Offices + Apartments

FLOORS

11 Floors

BUILT-UP AREA

990 SQM

SITE AREA

1,111 SQM

STATUS

Competition Entry

FACADE

White Vertical Ceramic

ENERGY

Passive + Regenerative

DESIGN TEAM

Studio Symbiosis

An award-winning multi-disciplinary Architecture and Design studio operating across Delhi NCR, London, and Stuttgart — powered by 90+ architects with a shared commitment to performance-driven, sustainable design.

DESIGN LEADS

Amit Gupta
Founding Partner, MArch AA London

Britta Knobel Gupta
Founding Partner

Faruk Murat
Partner Germany, Dipl.-Ing.

COLLABORATORS

Roland Höntzsch (Architect) · Transsolar (Climate Engineering) · Brandschutz Dr. Portz (Fire & Safety)

STUDIO AWARDS

- Red Dot Award 2023
- German Design Award 2024
- Asia Pacific Property Award 2024
- Forbes India Top 30 Architects 2021

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WHERE HERITAGE MEETS TOMORROW

Ideenwettbewerb Quatertower · A Studio Symbiosis Project

INNOVATE SUSTAIN INSPIRE

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